

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **07-001853**

(43)Date of publication of application : **06.01.1995**

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(51)Int.Cl.

**B41N 3/00**

**G03F 7/00**

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(21)Application number : **06-108063**

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(22)Date of filing : **23.05.1994**

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(30)Priority

Priority number : **93 67459** Priority date : **25.05.1993** Priority country : **US**

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## **(54) LITHOGRAPHIC PRINTING PLATE WITH HYDROPHILIC BARRIER LAYER OVERCOATED ON ALUMINUM SUPPORT**

(57)Abstract:

PURPOSE: To provide a printing plate with a more efficient barrier layer which has a stably treated and hydrophilic surface and imparts reliable adhesive properties to a negative or a positive radiation-sensitive skin to be applied following the hydrophilic surface.

CONSTITUTION: This lithographic printing plate comprises an aluminum support, an imaging layer which provides a lithographic printing face and a hydrophilic barrier layer to be introduced into a space between the aluminum support and the imaging layer. In addition, the lithographic printing plate is characterized by that the hydrophilic barrier layer contains a copolymer of 40-90 mol% vinylphosphonic acid and 10-60 mol% acrylamide.

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## LEGAL STATUS

[Date of request for examination] 21.05.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3400095

[Date of registration] 21.02.2003

[Number of appeal against examiner's decision]

of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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